



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Ref: 8EPR-ER

INITIAL/FINAL POLLUTION REPORT Gilt Edge Mine RV#2 (Drums) Site Lead, Lawrence County, South Dakota

I. HEADING

Date: 2/19/03
Site Name: Gilt Edge Mine RV#2 (Drums)
From: Hays Griswold, OSC
To: Kevin Mould, EPA Headquarters
POLREP No.: Initial/Final

II. BACKGROUND

Site No.: 7T
Response Authority: CERCLA
Action Memorandum: 09/25/02
Start Date: 08/19/02
Completion Date: 02/19/03

III. SITE INFORMATION

A. Incident Category

Time-Critical, Fund-Lead, Removal Action

B. Site Description

1. Site Location

The Gilt Edge Mine Site is a 260 acre open pit, cyanide heap leach gold mine located near Lead, Lawrence County, South Dakota. Brohm Mining Corporation, the mine owner, is essentially defunct after the parent company Dakota Mining Company declared bankruptcy in July of 1999 and has abandoned the site.

2. Site Characteristics

The Site contained approximately 80 drums and assorted smaller containers of abandoned chemicals/hazardous materials, located near the former gold processing facility on the edge of the property.



3. Description of Threat

The barrels/drums/containers with contaminants and hazardous materials were left in poor condition unsecured on the Site. When local and State agencies notified EPA of the abandoned drums, there was a mutual concern about the potential threat from wildfires and a potential release to the surface soil/water because the containers were unsecured and leaking. The State/Local agencies did not have the financial capability to determine the contents or dispose of the drums. Therefore, EPA and its contractor, responded to the scene.

IV. REMOVAL ACTIONS

During a wildfire adjacent to the Site, the fire fighters noticed abandoned open and leaking containers on the Site in the vicinity of the fire. Upon request of the Deadwood Fire Department and other local and State Health and Emergency Service Agencies of South Dakota, Region 8 Environmental Protection Agency (EPA) and its Superfund Technical Assistance Team (START) mobilized to the Site in order to evaluate the need for Removal Action. Most of the containers were unlabeled but from what could be read or visually detected, it appeared that there were antiscalants, polymers, acids (including sulfuric acid), waste oil and other hazardous materials.

On August 19, 2002, EPA/EPA Contractor (ERRS West - CET Environmental Services, Inc.) mobilized to the Site and began the inventory, hazcatting, and waste consolidation for disposal. The Site was secured; 80 drums and assorted small containers were segregated and staged on-site according to content and prepared for disposal. After providing for appropriate disposal profile sampling and analysis of wastes the EPA team/contractor demobilized from the Site on 10/08/02.

V. DISPOSITION OF WASTE

Thirty drums and 5 metal totes of hazardous materials were sent to Michigan Disposal Waste Treatment at Belleville, Michigan (approximate cost for disposal = \$9,000).

VI. Future Plans

The work at this site was performed in compliance with the NCP and this Removal Action is now considered complete.

VII. COST INFORMATION

The total costs for this Classic-Emergency Removal are approximately \$30,000 (ERRS @ \$24,000 and EPA @ \$6,000).